

COOLING AND POWER SYSTEM FOR A MEDICAL IMAGING SYSTEM

ABSTRACT OF THE DISCLOSURE

[42] Embodiments of the present invention provide an auxiliary module configured to cool an imaging element of a medical imaging device and supply additional power to the medical imaging device. The auxiliary module includes a booster battery pack, wherein the booster battery pack is configured to be electrically connected to the medical imaging system in order to provide additional power to the medical imaging system. The auxiliary module also includes a cooling unit configured to circulate chilled liquid to and from the imaging element, wherein the chilled liquid absorbs heat produced by the imaging element.